CATE HERNANDEZ

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SUMMARY

I am a full-stack developer with a dual degree in Computer Science and Russian Literature. While working at the Brown Institute for Media Innovation, I discovered a passion for computer science and began taking more classes in the field. After I attained my degree, I learned Python and Selenium to automate office tasks, and I recently completed my first internship working with front-end technologies like React, HTML and CSS.

SKILLS

Programming Languages: Python, React, Redux, HTML/CSS/SCSS, Java, Selenium; *(familiar)*: Node.js, C, MySQL
Software: Git, AWS, WordPress, Adobe Creative Suite, Figma

EMPLOYMENT HIGHLIGHTS

Full employment history: linkedin.com/in/catehernandez1/

Nest Seekers International   **New York, NY**
Office Manager   May 2019 - Present

- Create mailing lists using Python and Selenium to scrape other firms' websites for email addresses
- Developed a command line Python script to more quickly merge spreadsheets
- Compiled a dataset of company hires dating back to 2008 using Java to analyze files
- Create promotional and marketing materials using Adobe Creative Suite

Makeithappen.nyc   **New York, NY**
Web Developer Intern   December 2019 – March 2020

- Improved functionality of e-commerce platform by developing BigCommerce API integration
- Developed new features using React and Redux
- Polished user interface to match Figma designs using CSS and Bootstrap
- Deployed WordPress applications using AWS Elastic Beanstalk
- Liaised between designers and clients to understand and implement clients' goals

Columbia Magazine, **Columbia University**   **New York, NY**
Editorial Assistant   March 2017 – May 2018

- Assisted a Senior Editor in the science section at *Columbia Magazine* by transcribing interviews and conducting background research on upcoming articles

PROJECTS

Public Projects: github.com/zenon21
HTTP-Server in C *(Private GitHub Repo Available on Request)*

- Designed a simple backend server that serves static content
- Integrated a database lookup server. HTTP-Server allows a user to input a search term and then displays the results from the database lookup program in the browser
- Technologies used: C, Sockets API

Python Web Scrapers (Multiple)

- Built web scrapers for different real estate sites to generate agent mailing lists for those firms
- Leveraged open-source Python and Selenium libraries for scraping static pages as well as pages with dynamic JavaScript elements
- Implemented memory saving resources, error checking measures, and throttling mechanisms to avoid overloading the sites
- Technologies used: Python, Selenium, Beautiful Soup

EDUCATION

Columbia University, Columbia College, New York, NY   May 2018
Computer Science (GPA: 3.3/4.0) and Russian Language and Culture, GPA: 3.75/4.0
Relevant coursework: Advanced Programming, Databases, Computer Science Theory, Linear Algebra, Data Structures and Algorithms, Intro to Java